



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

646.3814

Job Sheet 193152



Part No: 646.3814

Job Qty: 24 pcs

Part Name: Wiper Bracket



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/9/19

Job Tracking No:

Due Date: 4/30/19

Created By: Dara Macdonald

Type: Stock

Description:

Note: DWG 646.3800 REV A IPP REV:A NEW ISSUE 12-10-22 JLM VERIFIED:DD IPP REV:B 18.07.03 AS PER
DWG REV.A DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
105	Bandsaw - 1	24 pcs		4/30/19	0.00	0.60	Bandsaw - 1		DJP 14-05-05
110	HAAS 4 Axis - B4B	24 pcs		4/30/19	0.00	18.11	HAAS - 1 - B4B		DJP 19-05-05
							HAAS - 2 - B4B		
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
120	QC 2	24 pcs		4/30/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		DJP 19-05-05
							QC 2 - 57		



Container No: S178030



Part: 646.3814

Job No: 193152

Serial No/Batch: S178030

Revision: A

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 05/05/19

				QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
130	QC 8	24 pcs	4/30/19 0.00 0.00	QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	KT 19-05-06
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
140	Outsource - 4 - Anodize	24 pcs	4/30/19	ATG001-VC	8 2019-05-06 KT
150	Packaging 2-1 - Receive - B4B	24 pcs	4/30/19 0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	DP MAY 29 2019
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	

					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
160	QC 6	24 pcs	4/30/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	DAS
					QC 6 - 61	61
170	Packaging 3-1 - Stock - B4B	24 pcs	4/30/19	0.00 0.00	Packaging 3 - 1 - B4B	9-89
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Plex 4/9/19 10:31 AM Dart.Macdonald.Dara	

				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	PC CCK106
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
180	QC 21 - SA	24 pcs	4/30/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op 105 - (Bandsaw) Cut blank at 2.200"

Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine as per folio FB539 DWG REV: A 2- Deburr and break all sharp edges

120 - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

140 - Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760-4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required

150 - (Receive & Inspect for Damage & Mat'l Certs)

160 - (QC6- All purchased or subcontracted products)

170 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S0.750X1.250	M7075T6S0.750X1.250	4.4160 ft (.184 ea)	105-Bandsaw - 1	5030139

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
105-Bandsaw - 1	M7075T6S0.750X1.250	4	12	0

MAT used
4.860
-4.416
Scrap => 0.444

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Wiper Bracket	0.060Inches $\pm$ 0.010	0.070 0.050	0.06	
2	Wiper Bracket	1.000Inches $\pm$ 0.010	1.010 0.990	1.005	
3	Wiper Bracket	2.000Inches $\pm$ 0.010	2.010 1.990	2.000	
4	Wiper Bracket	0.130Inches $\pm$ 0.010	0.140 0.120	0.125	
5	Wiper Bracket	0.500Inches $\pm$ 0.010	0.510 0.490	0.500	
6	Wiper Bracket	0.060Inches $\pm$ 0.010	0.070 0.050	R.0.06	

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DAS
52
9-89

19/05/03



Dart Aerospace Ltd.
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Hawkesbury, ON
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Tel (613) 632-5200

PURCHASE ORDER POHB043391



Supplier: ATG001-VC
A.T.G. industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB043391

PO Date: 5/6/19

Due Date: 5/13/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Phone:

Via: Ground

Pynt Terms: Net 30

Freight Terms:

Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	193152	646.3814	Wiper Bracket : Various STC's Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.3, PRIME CARDINAL 7760- 4702 LOW VOC EPOXY PRIMER (LIGHT GRAY) Certification of Conformity is required	Firmed	-	5/13/19	24 pcs	0 pcs	24 pcs	\$7.41/pcs	\$177.84
2	191978	646.3210	Support : Various STC's Issue P/O to ATG : 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	-	5/13/19	20 pcs	0 pcs	20 pcs	\$15.66/pcs	\$313.20

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PURCHASE ORDER

POHB043391



Items												
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price	
3	193457	C45-8-5	Solenoid Cover -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	5/13/19	29 pcs	0 pcs	29 pcs	\$5.06/pcs	\$146.74	
4	191462	RBT18700A-1	C47 Adapter Outsource process- Anodize per QSI017 4.1.10.1) -Issue PO -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed	-	5/13/19	12 pcs	0 pcs	12 pcs	\$3.81/pcs	\$45.72	
5	193099	RBE703A94-1130-01-11	Angle Indicator -Issue P/O: -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1 WATER SEALANT - Certificate of Conformity is required	Firmed	-	5/13/19	20 pcs	0 pcs	20 pcs	\$3.31/pcs	\$66.20	
6	193587	4.5NR-25	Side Plate Solenoid -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 7075T6 -Certificate of Conformity is required	Firmed	-	5/13/19	5 pcs	0 pcs	5 pcs	\$5.81/pcs	\$29.05	

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PURCHASE ORDER

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Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
192376	RB	PWC70797-1	Plug -Issue P/O; -ANODIZE COLOR RED, PER IAW MIL-A-8625 TYPE-2 CLASS-2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	5/13/19	4 pcs	0 pcs	4 pcs	\$3.81/pcs	\$15.24
Grand Total:											\$793.99

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917909

Date: 29-May-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Patrick Lussier
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
24 ea	Part: 646.3814 Wiper Bracket Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 25143 PO: POHB043391	Rev: N/C	DAS 61 9-89
20 ea	Part: 646.3210 Support Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 25144 PO: POHB043391	Rev: NC	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>29/5/19</u> Certified Signature: <u>[Signature]</u> Receiver Signature: <u>[Signature]</u> A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt. Made in Canada.			

RECEIVED
MAY 29 2019
DART AEROSPACE LTD.